IMAGING SYSTEM AND METHOD FOR DISPLAYING AND/OR RECORDING UNDISTORTED WIDE-ANGLE IMAGE DATA

ABSTRACT OF THE DISCLOSURE

5

An imaging system produces undistorted image data from buffered wide-angle image data without the need for a separate output buffer. Wide-angle image data is transformed, on a pixel-by-pixel basis, as the data for a pixel is required for encoding, to produce output signals in real-

10

time. Predetermined values for functions used in the transformation process are obtained from one or more look-up tables to facilitate transformation.

34

Docket No. C4-1208